

BEFORE THE BOARD OF OIL AND GAS CONSERVATION  
DEPARTMENT OF NATURAL RESOURCES  
in and for the STATE OF UTAH

IN THE MATTER OF THE APPLICATION OF DAN : FINDINGS OF FACT,  
H. HUNTER, FOR AN ORDER ESTABLISHING : CONCLUSIONS OF LAW  
DRILLING UNITS FOR CERTAIN LANDS IN : AND ORDER  
CARBON COUNTY, UTAH :  
CAUSE NO.137-1

from Dan H. Hunter filed an application for an order establishing drilling units in certain land in Carbon County, State of Utah. Notice of a hearing before the Board was duly given and the Board heard evidence in support of the application on June 11, 1969. All persons desiring to be heard were given an opportunity to testify in the hearing and testimony was received from Glen Ruby, consulting geologist, in support of the application.

NOW, THEREFORE, from the testimony and the exhibits introduced in the hearing and from the records on file herein, the Commission makes the following

FINDINGS OF FACT

1. That the area involved in this cause lies within Carbon County, and is described as follows:

<u>Township 15 South, Range 10 East, SLBM</u>	
Sec. 22: S 1/2	Sec. 28: E 1/2
Sec. 23: S 1/2	Sec. 33: E 1/2
Sec. 24: S 1/2	Sec. 34: All
Sec. 25: All	Sec. 35: All
Sec. 26: All	Sec. 36: All
Sec. 27: All	

2. That the applicant at the time of the application owned working interests in certain oil and gas leases covering this subject area which, prior to the hearing along with other working interest, were assigned to Associated Energy Corporation, a Utah corporation, which was formed for the purpose of drilling and exploring the area theretofore owned by applicant and his associates.

3. That the subject area contains some evidence of gas at varying depths thought to lie generally between 700 and

1400 feet in tight formations in the Tununk Shale which is a part of the Mancos formation.

4. That one well will not efficiently drain 640 acres but may efficiently drain 320 acres in the reservoir as found and underlying the subject area.

5. That three hundred twenty-acre drilling and spacing units for the subject area should be established in order to prevent waste, to avoid the drilling of unnecessary wells and to protect the correlative rights of interested parties. No more than one well should be drilled on any subject unit for the producing of gas from the Tununk formation.

#### CONCLUSIONS OF LAW

1. That the Commission has jurisdiction over the subject matter of this cause, over the lessees and operations in the area involved.

2. That notice of hearing in this cause was duly given in all respects as required by law.

3. That the application of Dan H. Hunter for the issuance by this Commission of an Order establishing 320-acre drilling and spacing units should be granted.

#### ORDER

IT IS THEREFORE ORDERED, by this Commission as follows:

1. That three hundred twenty-acre drilling and spacing units be and the same are hereby established for the production of gas from the Tununk Formation and the Mancos Shale and any transition zones at a stratigraphic depth of not greater than 1400 feet underlying the following described area:

<u>Township 15 South, Range 10 East, SLEB</u>	
Sec. 22: S 1/2	Sec. 28: E 1/2
Sec. 23: S 1/2	Sec. 33: E 1/2
Sec. 24: S 1/2	Sec. 34: All
Sec. 25: All	Sec. 35: All
Sec. 26: All	Sec. 36: All
Sec. 27: All	

2. That the drilling and spacing units for the subject area shall be formed by dividing each governmental section into

two units to consist respectively of the east half of such section and the west half of such section.

3. That no more than one well shall be drilled on any drilling and spacing unit for the production of gas from the Tununk Formation aforesaid.

4. That the permitted well for each drilling and spacing unit shall be located as far as practicable in the center of the Northeast quarter and in the center of the Southwest quarter of each section considering topographic and geological conditions; provided, however, that an exception in respect to the location of a permitted well may be had without notice or hearing upon the filing with the Commission of an application showing that the proposed exception location is within the quarter section specified hereunder as the situs for the permitted well.

5. That nothing in the foregoing Findings of Fact or Conclusions of Law or in this Order is intended or shall be construed in any manner to determine or affect any question relating to the boundaries of any lease or the title to any lands within any hereby established drilling or spacing units.

6. That this Order shall be effective forthwith; and

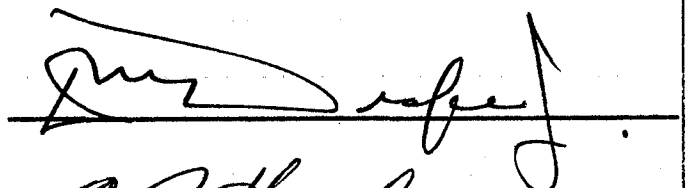
7. That the Commission retains continuing jurisdiction of all matters covered by this Order.

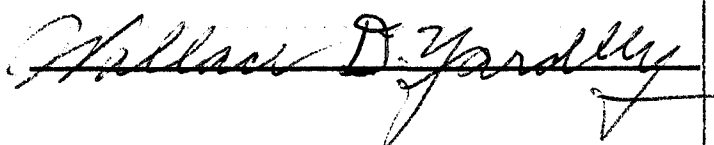
Dated this 11th day of June, 1969.

By Order of

THE OIL AND GAS CONSERVATION COMM.

OF THE STATE OF UTAH

  
L. B. Henderson

  
Wallace D. Yardley

- 4 -

Robert R. Norman

Wesley R. Anderson

file

BEFORE THE BOARD OF OIL AND GAS CONSERVATION  
DEPARTMENT OF NATURAL RESOURCES  
in and for the STATE OF UTAH

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IN THE MATTER OF THE APPLICATION OF DAN H. HUNTER, FOR AN ORDER ESTABLISHING DRILLING UNITS FOR CERTAIN LANDS IN CARBON COUNTY, UTAH : FINDINGS OF FACT, CONCLUSIONS OF LAW AND ORDER : CAUSE NO.137-1

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Dan H. Hunter filed an application for an order establishing drilling units in certain land in Carbon County, State of Utah. Notice of a hearing before the Board was duly given and the Board heard evidence in support of the application on June 11, 1969. All persons desiring to be heard were given an opportunity to testify in the hearing and testimony was received from Glen Ruby, consulting geologist, in support of the application.

NOW, THEREFORE, from the testimony and the exhibits introduced in the hearing and from the records on file herein, the Commission makes the following

FINDINGS OF FACT

1. That the area involved in this cause lies within Carbon County, and is described as follows:

<u>Township 15 South, Range 10 East, SEEM</u>	
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3. That the subject area contains some evidence of gas at varying depths thought to lie generally between 700 and

1400 feet in tight formations in the Tununk Shale which is a part of the Mancos formation.

4. That one well will not efficiently drain 640 acres but may efficiently drain 320 acres in the reservoir as found and underlying the subject area.

5. That three hundred twenty-acre drilling and spacing units for the subject area should be established in order to prevent waste, to avoid the drilling of unnecessary wells and to protect the correlative rights of interested parties. No more than one well should be drilled on any subject unit for the producing of gas from the Tununk formation.

#### CONCLUSIONS OF LAW

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5. That nothing in the foregoing Findings of Fact or Conclusions of Law or in this Order is intended or shall be construed in any manner to determine or affect any question relating to the boundaries of any lease or the title to any lands within any hereby established drilling or spacing units.

6. That this Order shall be effective forthwith; and

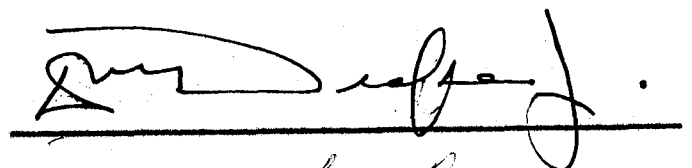
7. That the Commission retains continuing jurisdiction of all matters covered by this Order.

Dated this 11th day of June, 1969.

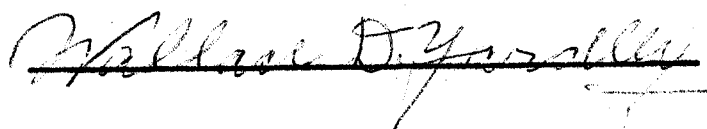
By Order of

THE OIL AND GAS CONSERVATION COMM.

OF THE STATE OF UTAH







Robert R. Norman

Wesley R. Anderson



(1)

6/11/69

Case 136-1 - Union - Lashon - Prof. Dr. J. J. Murphy - Eng.  
Frank Giblin - Lawyer  
Written OK from all working interest owners

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Case 137-1

Associated Energy Corp - Don Hunter (60,000 to drill)  
gas in Mancos shale (amend)

Amend - from 320 - to 160

#1 24 hr - depleted

Shall #1  $\approx$  580' had gas

M to 2nd - Dry

#2 - @ 733' gas blow from Mancos Sh  
12 hr - 7.3 MM cft. - 2.3 AM

Producing (low pressure) & small volume

Pipe line - 4 miles away  
17 1/2' to base

Drill in order - see 26, 34 & then 37

Will drill 2 or 3 even if dry

Amend to near Center of NE & SW quarter

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Don Derby - Sanitometer detects gas  
shallow depths - No gas in upper SS (Geron)

320 vs 640  
due to low pressure

blows out below SS

over

(2)

1st well in SW 1/4 20 (Center)

- 1) pressure - 250 psi
- 2) volume 9
- 3) thickness 9
- 4) Cost - 9 to 10,000 per well

- A) Drill with air or water, & avoid blow prevention
- B) Recommend a central monitoring well site

Q go from sandy shale - not fracturing